

30921cip.ST25.txt
SEQUENCE LISTING



<110> Kapil, Sanjay

Shanmukhappa, Kumar

<120> IDENTIFICATION AND APPLICATIONS OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS HOST SUSCEPTIBLE FACTOR(S) FOR IMPROVED SWINE BREEDING AND DEVELOPMENT OF NON-SIMIAN RECOMBINANT CELL LINE FOR PROPAGATION OF THE VIRUS AND A TARGET FOR A NOVEL CLASS OF ANTIVIRAL COMPOUNDS

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<151> 2001-01-29

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<170> PatentIn version 3.1

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ctcagagagg agcgggtcccc agcagccag 89

<210> 16

<211> 795

<212> DNA

<213> Simian Gen. Sp.

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caggacagag cgagcggggc acctctgggg tgccttggg gaggagcaga gccgcggcg 180

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gccccccagg cctgccaccc gcccgccctg ggggtgggggg gaaggaaggc aggctgccc 300

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<210> 18

<211> 91

<212> DNA

<213> Simian Gen. Sp.

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<211> 192

<212> DNA

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ctgctgcggc tg 192

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<211> 75

<212> DNA

<213> Simian Gen. Sp.

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<212> DNA

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<211> 110

<212> DNA

<213> Simian Gen. Sp.

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<211> 159

<212> DNA

<213> Simian Gen. Sp.

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gggcggcggg accacgctc caacatctac aaagtggag 159

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<211> 123

<212> DNA

<213> Simian Gen. Sp.

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cag 123

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<212> DNA

<213> Simian Gen. Sp.

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gtgggcatcg gcatgcctg tgtgcag 87

<210> 27

<211> 80

<212> DNA

<213> Simian Gen. Sp.

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catgccggct cttggctcag 80

<210> 28

<211> 60

<212> DNA

<213> Simian Gen. Sp.

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<211> 659

<212> DNA

<213> Simian Gen. Sp.

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<400> 30

Tyr Arg Ser Leu

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<210> 31

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<213> Artificial sequence

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<223> This sequence is the forward primer for RT-PCR amplification of P
RRSV RNA

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<210> 32

<211> 22

<212> DNA

<213> Artificial sequence

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<223> This sequence is a reverse primer for RT-PCR amplification of PRR
SV RNA

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<210> 33

<211> 20

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<210> 34

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acaggcgcag caggtccga 20

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<223> This sequence is a forward primer for RT-PCR

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<223> This sequence is a reverse primer for RT-PCR

<400> 36

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<212> PRT

<213> Artificial sequence

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<223> This sequence is a motif which has known RNA binding activity

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<221> misc_feature

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<223> X is any amino acid

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<211> 859

<212> DNA

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